EXHIBIT 1 (REDACTED MOTION TO SEAL PENDING)

Page 1 1 UNITED STATES DISTRICT COURT FOR THE WESTERN DISTRICT OF NORTH CAROLINA 2 ASHEVILLE DIVISION 3 SANDRA M. PETERS, on behalf of 4 herself and all 5 others similarly situated, 6 Case No. Plaintiff, 7 1:15-cv-00109-MR v. 8 AETNA, INC.; AETNA 9 LIFE INSURANCE COMPANY; and 10 OPTUMHEALTH CARE SOLUTIONS, INC., 11 Defendants. 12 Wednesday, May 30, 2018 13 Washington, D.C. 14 15 Videotaped Deposition of: 16 CONSTANTIJN PANIS, Ph.D., 17 called for oral examination by counsel for the Defendants, pursuant to notice, at the law offices 18 19 of Gibson, Dunn & Crutcher, LLP, 1050 Connecticut 20 Avenue, Northwest, Washington, D.C. 20036-5306, before Christina S. Hotsko, RPR, CRR, of Veritext 21 Legal Solutions, a Notary Public in and for the 22 District of Columbia, beginning at 7:10 a.m., when 23 24 were present on behalf of the respective parties: 2.5

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A. Yes.

Q. The top of the page on page 1, there's a section entitled Scope of Work.

Do you see that?

- 5 A. Yes.
 - Q. Does this section reflect the assignment you were given by plaintiff's counsel?
 - A. Yeah. Although it's a little vague, right? It says to provide an opinion on certain aspects related to potential class certification.
 - Q. I agree it's a little vague. I'm going to ask you about that.
 - A. Yes.
 - Q. So let's -- let's start just by asking, is that an accurate reflection of what your assignment was from plaintiff's counsel?
 - A. It's accurate. Yes.
 - Q. What were the certain aspects that you were asked to provide an opinion on?
 - A. I believe they are spelled out in more detail later on in the report. Let's go to page 9. Specifically, I was asked to look at the -- the gains that the -- revenues that Optum derived from the alleged arrangement.

On page 10, I was asked to -- or

actually it's a little earlier. I was also asked to establish the number of plan members and plans that were involved. I forget exactly where that is located.

And then starting at the bottom of page 10, I was asked to analyze claims for which the responsibility of the plan and the member combined were equal to the Aetna-allowed amount and exceeded the provider-allowed amount.

- Q. Any other aspects that you were asked to provide an opinion on by plaintiff's counsel?
- A. Not that I recall. Though there might be some other ones, small ones.
- Q. And did you reach any opinions on those aspects --
 - A. T did.
 - Q. -- that you just described?
- A. I did.

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- Q. And can you direct me in the report to your opinions?
- A. Perhaps the easiest thing to do is to go to page 14, the summary. Paragraph 54 lists the number of plans and the number of members who were overcharged as a result of the alleged agreement.

Paragraph 55 shows the gains that Optum derived from this agreement.

Paragraph 56, it indicates the amounts by which plans and members were overcharged.

- Q. So those three paragraphs summarize your opinions in this case?
- A. Yeah. Of course the whole report is relevant, but these are the salient features that I would like to communicate.
- Q. Is it your view that these statements in paragraphs 54 to 56 are expert opinions?
 - A. Yes.

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- Q. And what expertise are you relying on to make the statements in paragraphs 54 to 56?
- A. It's an understanding of the way in which medical payments -- medical services are paid for by plans, by members, through co-payments, deductibles, and co-insurance. So it's a knowledge of medical claims and then there's knowledge about data processing that is required to add up the numbers.
- Q. And other than adding up the numbers, what other opinions are reflected here in paragraphs 54 to 56?
 - A. I believe they speak for themselves.

- Q. Are you providing an opinion in this case on whether a class should be certified?
 - A. I'm not, no.
- Q. Were you asked to consider whether a class should be certified by plaintiff's counsel?
 - A. No.

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Q. Do you have an understanding of why not?

MR. KNOTT: Object to the form.

THE WITNESS: No. I've not thought about it.

- 11 BY MR. SIGLER:
 - Q. Could you turn, please, to paragraph 10 of your report.
- 14 A. Yes.
 - Q. Paragraph 10 refers to the fact that you routinely analyze healthcare claims.

Do you see that?

- 18 A. Yes.
 - Q. Now, earlier today you were describing some of your involvement in other litigation matters such as False Claims Act cases.

Are there any matters you've been involved in that you view as particularly relevant to your work in this case?

MR. KNOTT: Object to the form.

did you get your understanding reflected here in paragraph 11?

- A. In part from Mr. Knott, plaintiff's counsel, and in part from reviewing the various materials that I listed at the end of my report.
- Q. And the second and third sentence of paragraph 11 refer to allegations in the case, correct?
 - A. Correct.

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- Q. And in the second sentence when you refer to the plaintiff's allegations, where did you get that understanding?
- A. That could have been from the complaint.

 It probably was from the complaint and from discussions with counsel.
- Q. And when you refer to plaintiff's allegation that participants' beneficiaries plans were overcharged for benefit claims as a result of charges by Optum, are you offering an opinion in this case on whether that allegation is correct?
 - A. No, I'm not.
- Q. So for purposes of your report, you have accepted that allegation as true; is that correct?

- A. Let me maybe -- let me see here. I calculate overcharges. So I've reviewed the data and I concluded that, indeed, plan participants and beneficiaries and plans were overcharged.
 - So I guess I accept that allegation. I mean, I confirm the allegation. Let's put it that way.
 - Q. Are you -- but are you providing an opinion that the amounts you calculated were overcharges that resulted from charges by Optum?
 - A. Yes.

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- Q. And are you providing an opinion that those overcharges were improper?
 - A. No. That would be a legal issue.
- Q. In the third sentence of paragraph 11, you say that, "Optum's services are allegedly concealed as medical services, which were billed to health benefit plans and paid in part by members of those plans or the plans themselves."
- Is that a summary of the plaintiff's allegations?
 - A. It is among the allegations.
- Q. And are you offering an opinion on whether this allegation is correct?
 - A. I've noticed in the data that certain

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- Q. Paragraph 15 contains your understanding of the plan member class that plaintiff seeks to have certified, correct?
 - A. Yes.

Yes.

- Q. And again, you're not offering an opinion that this class should be certified, correct?
- A. No. I'm not offering any legal opinions.
 - Q. But you're not offering any opinion that the class should be certified, correct?
 - A. Correct.
 - Q. Now, the second sentence of this paragraph says, "Members may have been overcharged to the extent that they were responsible for Optum charges included in medical claims," correct?
 - A. Correct.
 - Q. And are you offering an opinion that members actually were overcharged or that they may have been overcharged?
- A. Not every member was overcharged. Some members did not have any out-of-pocket expenses, for example, so they would not have been

recover damages in the case?

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MR. KNOTT: Object to the form.

THE WITNESS: Again, I'm not offering an opinion on damages even. I'm offering an opinion about overcharges. And whether that was improper is a legal issue. So the damages would be a legal issue.

But it is my opinion that if a member was not overcharged, that I would not identify this person as a putative class member.

And I mentioned earlier some plan members did not have any out-of-pocket expenses, so they would not have been overcharged. But some members paid deductibles. And in almost all cases where deductibles were paid, there was no overcharge either. So there was no out-of-pocket expense, but not an overcharge.

BY MR. SIGLER:

- Q. But you agree that if a member did not have any out-of-pocket expenses, that member has not been overcharged, correct?
 - A. Correct.
- Q. And if a member paid a deductible, you agree the member has not been overcharged?
 - A. On that particular claim. Correct.

Q. And let me go back to something you said earlier. You said that you're not providing an opinion in this case on damages?

MR. KNOTT: Object to the form.

THE WITNESS: Correct.

BY MR. SIGLER:

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- Q. As an economist, do you understand what damages are?
- A. I do. But I believe that you're challenging whether the overcharges were proper, and I'm not getting into proper or improper discussions.

So the actual damages, you know, I'm relying on counsel to tell me whether overcharges equal damages or whether the damages are some different amount. I'm not getting into the legal aspects of that.

- Q. So when you provide calculations in your report of overcharges, you're not providing an opinion on whether those calculations reflect proper or improper overcharges?
 - A. Correct.
- Q. You're just providing an opinion and calculation on the difference between one set of numbers and another set of numbers, not providing

Page 68 an opinion on which set of numbers is correct; is 1 that fair? MR. KNOTT: Object to the form. 3 THE WITNESS: That's fair. 4 5 BY MR. SIGLER: Now, have you ever provided an expert 6 0. 7 opinion on damages in any other case? Α. 8 Yes. 9 Q. And in that other case, you were able to opine on what constitutes damages without 10 11 worrying about whether it's a legal issue? 12 MR. KNOTT: Object to the form. 13 THE WITNESS: Because counsel would tell 14 me what types of amounts would be part of the 15 damages. 16 BY MR. SIGLER: 17 Q. As an economist, what does the word "damages" mean? 18 19 MR. KNOTT: Object to the form. 20 THE WITNESS: It's not an economic term. 21 So as an economist, my opinion -- my

Q. Okay. Well, as a layman understanding,

layman's understanding.

BY MR. SIGLER:

understanding of damages is similar to the

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1 | what does "damages" mean?

MR. KNOTT: Object to the form.

You can answer.

THE WITNESS: It is monetary amounts that were lost due to a certain behavior, an improper behavior.

BY MR. SIGLER:

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- Q. And is it your understanding that the overcharges alleged by plaintiff in this case meet that definition?
- A. Well, again, that's a legal issue, you know, whether these overcharges were proper or not. And I'm not opining on that. I'm just calculating what the overcharges were or, as you categor -- as you phrased it, calculating the difference between two numbers.
- Q. And why is it necessary to a calculation of damages to know whether the conduct at issue was proper or not?

MR. KNOTT: Object to the form.

THE WITNESS: Again, that sounds like a legal issue. But if -- if the judge or jury decides that the arrangement was perfectly legal, then I believe there would be no damages. There would have been overcharges the way I calculated

- Q. And did you consider the discussions with counsel in reaching a view on whether the amended complaint impacts your report in this case?
 - A. Can you repeat that?

 MR. SIGLER: Could you read it back?

 (The reporter read the record as requested.)

THE WITNESS: Nothing surfaced that would lead me to believe that I would need to amend my report.

12 BY MR. SIGLER:

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Q. Is it possible that you would want to amend your report or offer a new report if the amended complaint were accepted?

MR. KNOTT: Object to the form.

THE WITNESS: It's possible. Again, I have not reviewed the amended complaint in detail. I haven't seen anything that would prompt me to revise my report, but it's possible.

- 21 BY MR. SIGLER:
 - Q. Let's go back to the report, paragraph 16.
- 24 A. Yes.
 - Q. Does paragraph 16 reflect your

understanding of what health benefit plan class plaintiff seeks to have certified?

A. Yes.

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- Q. And you're not providing an opinion on whether this class, this proposed class, should be certified, correct?
 - A. Correct.
- Q. Now, on the second sentence you make the statement "Plans may have been overcharged to the extent they were responsible for Optum charges included in medical claims."

Do you see that?

- A. Yes.
- Q. And are you offering an opinion on whether plans actually were overcharged or whether they may have been overcharged?
- A. It's possible that some plans did not make any payments, and they would not have been overcharged.
- Q. And so is it your opinion that plans may have been overcharged depending on their particular claims experience?

MR. KNOTT: Object to the form.

THE WITNESS: Yes.

BY MR. SIGLER:

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Q. And how would you find out whether any particular plan was overcharged?

- Q. Have you, in connection with your report or your work subsequent to the report, determined whether any particular health plan was overcharged using your analysis?
 - A. No, I have not.
- Q. Have you determined whether any particular plan member was overcharged based on your analysis?
 - A. Yes.
 - Q. And what work have you done in that

would point to as a reference for how you're using it in this case?

- A. No. I defined it for the purposes of this case.
- Q. And do you define it somewhere in your report what overcharge means?
- A. I'm not sure where it first appears, where it's defined. It's certainly implicitly defined in paragraph 30, right, where I calculate one thing, calculate another thing, and call the difference an overcharge.
- Q. Using the terminology we were using earlier in reference to this illustrative example, is the overcharge the difference of a member or plan responsibility calculated using the Aetna per-visit rate versus using the Optum downstream rate?
 - A. Correct.

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- Q. And is it plaintiff's contention in this case that the Optum downstream rate should have been used to calculate member and plan responsibility?
- A. I believe that that's the plaintiff's contention. Yes.
 - Q. And are you -- you're not providing an

opinion that the Optum downstream rate was required to be used to calculate member and plan responsibility, correct?

A. Correct.

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Q. Under your use of the term "overcharge," if a member or plan was overcharged, was that member or plan injured?

MR. KNOTT: Object to the form.

THE WITNESS: Again, that's -- that's -- that gets to damages, that gets to a legal issue, as to whether the overcharge was proper. And I'm not making a statement whether it's proper or improper.

If the judge or jury decides that the overcharge was improper, then that would translate into an injury.

BY MR. SIGLER:

- Q. And as you used the term "overcharge," would the amount of an overcharge -- if a judge or jury finds that the plaintiff's theory is valid, would the amount of that overcharge equal damages?
- MR. KNOTT: Object to the form.

THE WITNESS: For this particular claim,
that would be the damage. At least perhaps part

- A. Not in detail, but I've seen it. Yes.
- Q. Did you see the hours and hours of questions about her transaction records between her and her treating provider in that transcript?

MR. KNOTT: Object to the form.

THE WITNESS: I have not seen that, no.

If it helps, I would imagine it's messy.

BY MR. SIGLER:

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- Q. Right. So -- and in fact, I believe that may be the word that she used to describe it.
 - A. Okay.
- Q. So -- but that type of a messy analysis would be necessary to figure out what a particular member paid, still owes, doesn't still owe on amounts with her -- with his or her treating provider, correct?

MR. KNOTT: Object to the form.

THE WITNESS: It would also be possible to establish the unpaid amount from provider records, which tend to be much less messy.

BY MR. SIGLER:

- Q. How much experience do you have reviewing provider billing records?
 - A. A lot.

Q. And in your view, they're not messy?

MR. KNOTT: Object to the form.

THE WITNESS: They're -- they're not as clean as Medicare records, for example, but they're plenty clean to analyze.

BY MR. SIGLER:

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- Q. You haven't reviewed any of the provider records at issue in this case, correct?
- A. You know, I -- I -- not specifically for this case, but I did have a case once of a -- where I was assisting counsel for a physical therapist in North Carolina. So I've seen physical therapy billing records.
 - O. What case was that?
- A. It's -- I don't think it's listed because it didn't lead to a report --
 - Q. Okay.
 - A. -- or no filing case.
- Q. And do you have any idea whether that provider was involved with Optum or the issues in this case?
 - A. No. This was about Medicare records.
 - Q. Now, Dr. Panis, you testified that you believe plaintiff's contention in this case is that member and plan responsibility should be

calculated based on the Optum downstream rates, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Correct.

BY MR. SIGLER:

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- Q. What's the basis for that contention, to your knowledge?
- A. The complaint, I think -- or the basis of the contention? It would be my understanding that -- based on -- I'm not sure what the basis would be.
 - Q. Have you -- strike that.

 Let's go to paragraph 36.
 - A. Yes.
- Q. So there's a section on -- on this page beginning at paragraph 35, continuing through paragraph 38, discussing Optum's gain --
 - A. Correct.
- O. -- correct?
- 20 A. Yes.
 - Q. And in paragraph 6 -- excuse me, in paragraph 36, you provide the -- a calculation of gain on the example we were just discussing, correct?
- 25 A. Correct.

- Q. Now, what does the term "gain" mean as you're using it here?
- A. Again, there could be all kinds of definitions. In this case, it is the difference between what Optum received from Aetna on behalf of the plan and the payment that Optum made to the provider.
- Q. And apart from the calculation that you just described, does the term "gain" have meaning to you as an economist?
- A. I'm sure. It's a -- it's the difference between a -- an income and a cost.
- Q. And is it your understanding that the plaintiff in this case is seeking to recover gain in some way?
- A. I'm not sure exactly what the plaintiff's seeking to recover in this context.
- Q. And you were asked to calculate Optum's gain as reflected here in your report, correct?
 - A. I was, yes.

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Page 111 In general, is the gain to Optum equivalent to the alleged overcharge in your report? In general, yes. Α. And are there situations in which it is Q. not?



defined meaning?

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Q. And you're not providing an opinion on this case on whether something is administrative or something else, correct?

A. Correct.

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- Q. Okay. Now, you acknowledged a few minutes ago that some of the amounts paid to Optum would have been used for Optum's costs and expenses, correct?
 - A. Sure.

MR. KNOTT: Object to the form.

THE WITNESS: Yes.

Page 116 BY MR. SIGLER: 1 Q. So Optum -- not all of the amounts paid 3 to Optum would have gone to Optum's bottom line, 4 correct? 5 MR. KNOTT: Object to the form. 6 THE WITNESS: Correct. And Optum 7 provided services that were useful. BY MR. SIGLER: 8 9 And as an economist, do you believe that 10 it's an appropriate damages model to recoup from 11 Optum all of the amounts that Optum paid, 12 including those amounts that it spent providing 13 those services? 14 MR. KNOTT: Object to the form. 15 THE WITNESS: It's not an economic 16 issue. It's a legal issue. 17 BY MR. SIGLER: 18 So you're not providing an opinion as an 19 economist on whether that's an appropriate model 20 that you've calculated here? 21 MR. KNOTT: Object to the form. 2.2 THE WITNESS: Correct.

BY MR. SIGLER:

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counsel how to calculate the Optum gain model

Were you instructed by plaintiff's

that you have reflected here in your report?

A. Yes.

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- Q. And is the same true with respect to the overcharge model, you were instructed by plaintiff's counsel how to do that?
 - A. Yes.
 - Q. And you carried out those calculations on both models based on the instructions from plaintiff's counsel, correct?
 - A. Correct.
- Q. If you were analyzing a disgorgement of profits model, you would do it differently than you have done these calculations here; is that correct?
- MR. KNOTT: Object to the form. Vague.

THE WITNESS: It would all depend on which profits are disgorged. It comes down to definitions.

- 19 BY MR. SIGLER:
- Q. Well, would you agree that the gain to
 Optum that you're discussing in your report is
 not Optum's profit --
- MR. KNOTT: Object --
- 24 BY MR. SIGLER:
 - O. -- for its services?

Page 118 MR. KNOTT: Object to the form. 1 It's 2 vaque. 3 THE WITNESS: I agree with it. BY MR. SIGLER: 4 5 A profit to Optum would be some lower amount after taking out the cost and expenses of 6 7 providing those services, correct? 8 MR. KNOTT: Object to the form. It's 9 vague. 10 THE WITNESS: I have no insight into 11 Optum's costs, but I would imagine that they're positive and that there is -- that the bottom 12 13 line profit is less than the gain as defined 14 here. BY MR. SIGLER: 15 16 In paragraph 38 of your report you make 17 the statement "Insofar related to claims that were covered by self-insured plans, this amount 18 19 can also be viewed as gain to Aetna, which was 20 able to avoid using its own funds to pay these 21 amounts." 22 Do you see that? 23 Α. Yes.

24

Page 119 For purposes of a gain to Optum, are plaintiffs seeking to recover the amounts paid by Aetna on insured plans? MR. KNOTT: Object to the form. THE WITNESS: I don't know. BY MR. SIGLER:

- - Q. Going back to paragraph 38 in the discussion of Aetna, what does it mean to say that Aetna may have been able to avoid using its own funds to pay these amounts?
 - A. So the idea is that a self-insured plan as in contracts with Aetna, an ASO contract, to administer claims. Including in the administration of claims would be claims to physical therapists and chiropractors. And so Aetna, in principle, needs to -- is responsible for administering these claims.

It's contracted with Optum to administer those claims, and it made payments to -- or on behalf of plans, it made payments to Optum, but those are payments that, at least for the administration of the claims, Aetna would have needed to make itself.

Q. So does this go back to the discussion

we were having earlier about what administrative services contracts provide?

- A. What it covers. Sure.
- Q. And again, you haven't looked at any of those contracts to determine what they actually cover, correct?
 - A. Correct.

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Q. So if any particular contract covered only Aetna's administrative costs and not costs associated with Optum, you would agree that this statement does not apply, correct?

MR. KNOTT: Object to the form.

THE WITNESS: It would depend on the language of the contract.

BY MR. SIGLER:

- Q. Do you have an opinion on whether Aetna was required to provide the types of services that Optum was performing under any of Aetna's administrative services contracts?
- A. Well, we've discussed this, right? In principle, an ASO contract provides for claims administration services. And in principle, that includes all claims under a certain plan.

Now you're saying that perhaps some claim administration services may have been

- 1 excluded, that's possible, theoretically. I
 2 haven't seen it. I haven't accounted for it.
 - Q. Right. And you haven't seen one way or the other what these contracts provide, correct?
 - A. Correct.

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- Q. Do you know whether the services provided by Optum are services that Aetna was providing before it entered into the Optum relationship?
- A. I don't know that.
- Q. If Aetna was not already providing these services and the Optum services were increased or enhanced services not provided by Aetna, does that impact your view on this issue?

MR. KNOTT: Object to the form.

THE WITNESS: I guess it would depend on the language of the contract.

MR. SIGLER: Good time to take a break.

VIDEO TECHNICIAN: Off the record at

20 9:52.

21 (A recess was taken.)

VIDEO TECHNICIAN: Media unit 3. Back

23 on the record at 10:08.

24 BY MR. SIGLER:

Q. Dr. Panis, in reviewing the claims data

- 1 | haven't seen any documents. I haven't picked up
- 2 on any language in documents where that would be
- 3 discussed.
- 4 BY MR. SIGLER:
- Q. Do you know whether the goal, from
- 6 Aetna's perspective, was to achieve savings
- 7 through lower rates for services and/or
- 8 | management of those services to reduce the number
- 9 of services or visits in those markets?
- MR. KNOTT: Object to the form.
- 11 THE WITNESS: I don't know that.
- 12 BY MR. SIGLER:
- Q. If there were documents or information
 about those goals of the relationship or whether
 those goals were successful, would those be
 relevant to your analysis of the Aetna-Optum
- 17 relationship?
- 18 MR. KNOTT: Object to the form.
- 19 THE WITNESS: No. My -- my charge was
- 20 to calculate the things that I calculated. And
- 21 any advantages to Optum or Aetna of the contracts
- 22 | would be irrelevant to the types of overcharges
- 23 | that I calculated.
- 24 BY MR. SIGLER:
- Q. If the Aetna-Optum relationship lowered

the cost of physical therapy and chiropractic services in these markets, would that be beneficial to health plans and plan members?

MR. KNOTT: Object to the form.

THE WITNESS: It may well be. Sure.

BY MR. SIGLER:

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- Q. How would it be?
- A. Well, eventually the cost of providing medical care could have been lowered.
- Q. And lower cost of chiropractic and physical therapy services would result in lower payments by self-funded plans and members for those services, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Sure.

BY MR. SIGLER:

Q. If there were benefits flowing to plan sponsors and plan members from the Aetna-Optum relationship through this lower costs, who should pay for those benefits, in your view?

MR. KNOTT: Object to the form.

THE WITNESS: Well, so benefits, then presumably it's because the cost of providing services would be lowered. And so the providers apparently would take lower reimbursement rates.

along was appropriate or inappropriate, correct?

- A. No. That's a legal issue.
- Q. And you're not providing an opinion on expectations of anyone, right, about that?
 - A. Correct.

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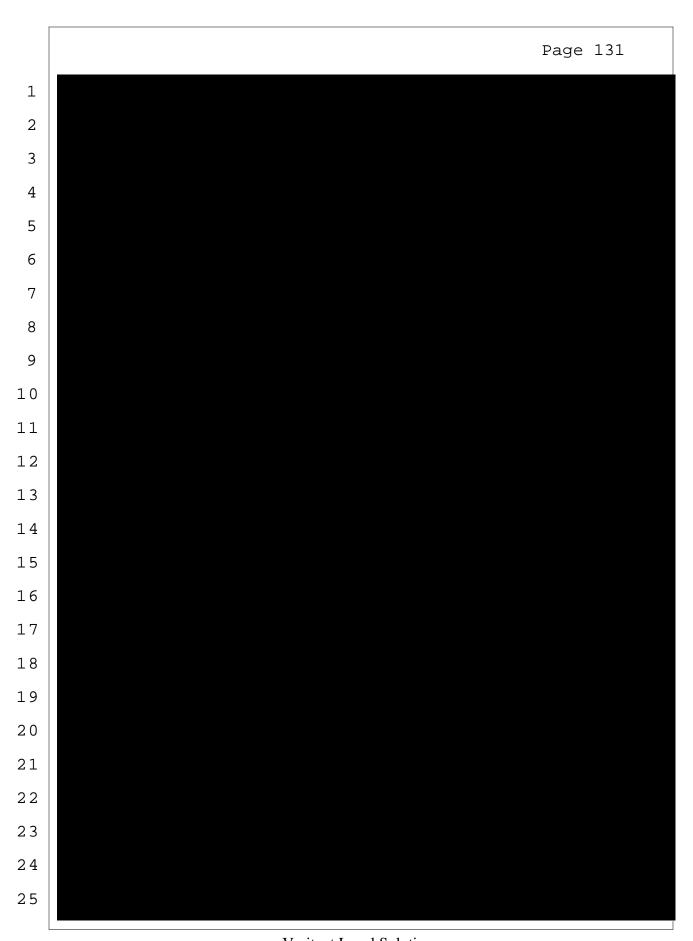
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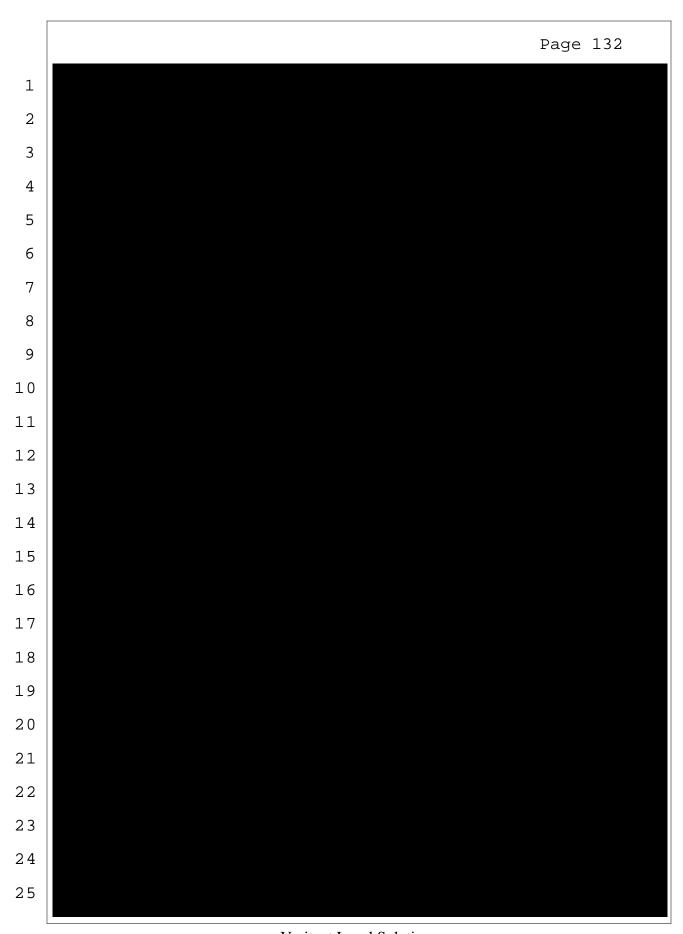
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- Q. Dr. Panis, let's go to paragraph 39.

 Paragraph 39 starts with "I have been instructed by plaintiff's counsel to identify," and goes on to describe a population of claims, correct?
 - A. Yes.

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Page 134 Is that your understanding of claims involving deductibles that Optum's charges were not collected? Yes. For the most part. I believe Α.

there's an exception for has accounts, health savings accounts.

- Q. And you get to that later in your report, correct?
 - A. I do.

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- Q. So approximately when did you exclude these claims?
 - A. I'm not sure exactly. Maybe a month

before the report was due, something like that.

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Q. How -- how should deductible claims have been processed in plaintiff's view?

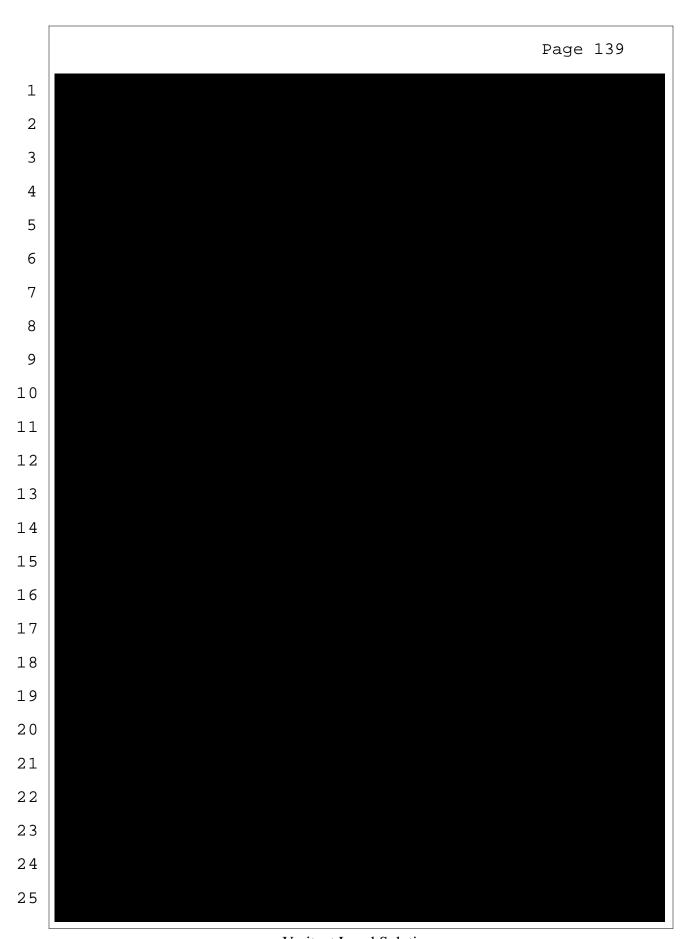
MR. KNOTT: Object to the form. Calls for a legal conclusion.

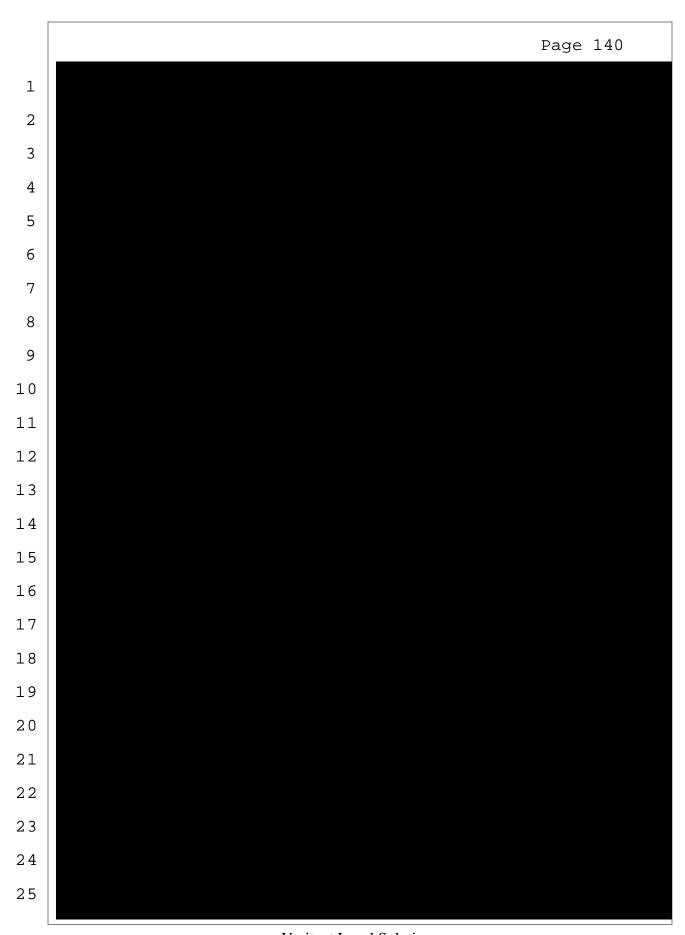
THE WITNESS: I don't think that the plaintiff has any issue with the deductible

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- amount, at the actual payment -- at the actual deductible payment.
- 3 BY MR. SIGLER:

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Q. And just to -- so we're using the same terms here, you mean you believe it's Aetna's -- excuse me, strike that.

You believe it's plaintiff's position that the deductible should have been credited at the Optum downstream rate; is that correct?

MR. KNOTT: Object to the form.

THE WITNESS: I don't know what

plaintiff is -- plaintiff's contention is, but

that would make sense to me.

- 14 BY MR. SIGLER:
- Q. And if that were the case, those members that we were just discussing who benefited would come out behind under plaintiff's theory, correct?
- MR. KNOTT: Object to the form.
- 20 THE WITNESS: Correct.
- 21 BY MR. SIGLER:
- Q. Did plaintiff's counsel explain why they wanted you to carve out the deductible claims from your analysis?
 - MR. KNOTT: Object to the form. That

Page 143 calls for work product. I instruct you not to answer the question. MR. SIGLER: Are you directing him not to answer? MR. KNOTT: Yes. BY MR. SIGLER: Well, do you have an understanding that you were asked to carve those claims out because, as we were just discussing, class members benefited from the way those claims were handled? MR. KNOTT: Object to the form. THE WITNESS: That's not my understanding.

BY MR. SIGLER:

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Q. Did you have discussions with plaintiff's counsel about carving those claims out, the deductible claims?

MR. KNOTT: Objection. I instruct you not to answer that question as it calls for work product.

MR. SIGLER: And Jason, it's a yes or no question about whether he discussed that topic with you. My understanding is that your view is that questions like that do not call for work product.

Are you directing him not to answer?

MR. KNOTT: I am because I've heard from you repeatedly that even asking for the topic is -- intrudes on the privilege. So I will act consistently with your position for the time being.

BY MR. SIGLER:

Q. Dr. Panis, are you -- is it your testimony that you were directed by plaintiff's counsel to carve out these deductible claims and that you can't explain why you were asked to do that because plaintiff's counsel is directing you not to answer?

- A. No. My understanding is there was no overcharge; and therefore, I was asked to exclude them.
- Q. And did you have other discussions with plaintiff's counsel about excluding those claims that you can't speak to because you're being directed not to answer?
 - A. No.

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- Q. So why were you asked to carve those claims out? What is the purpose of carving those claims out?
- A. Well, that would -- I would have to speculate what Mr. Knott is thinking. But again, there was no overcharge. I could include them; I could exclude them. It would make no difference for my total overcharges.
- Q. If you included those claims, wouldn't you have to account for the benefit to class members that flowed from those claims?
- MR. KNOTT: Object to the form. Calls for a legal conclusion.
- THE WITNESS: And as I explained, it is not clear whether a benefit actually accrued to the member. It would only accrue if the -- if the member eventually met the deductible and not

- 1 | the max out-of-pocket amount.
- 2 BY MR. SIGLER:
- Q. But the only reason it's not clear is because you haven't done that analysis, right?

5 MR. KNOTT: Object to the form.

THE WITNESS: Sure.

BY MR. SIGLER:

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- Q. And you haven't done that analysis because you were directed to carve those claims out, correct?
- MR. KNOTT: Object to the form.
- THE WITNESS: But also because I would not be able to do it based on the data that I have.
- 15 BY MR. SIGLER:
 - Q. What data would you need to figure out the impact of these deductible claims on class members?
 - A. I would need to know or -- you know, there may be several ways of doing it. We talked about this a few minutes ago.

One way to do it is to have the entire claim population, not just the physical therapy and chiropractic claims, but also hospital visits or anything else, that would help me determine

whether a member met the deductible and not the max out-of-pocket amount.

- Q. Can you think of any other way?
- A. As I also said earlier, Aetna could just give me a summary of whether the member eventually met the deductible and the maximum out-of-pocket amount.
- Q. Okay. Paragraph 40 also refers to another category that I'm going to restate using the same terminology we've been using today, which is one where the Optum downstream rate is higher than the Aetna per-visit rate, correct?
 - A. Correct.

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- O. How common is that situation?
- A. There were 9.7 percent of claims in that category.
- Q. And when you say 9.7 percent of claims, you're referring to the entire claim as opposed to a particular claim line?
 - A. Oh, yes.
- Q. And did you also carve these claims out at the direction of counsel?
- A. Yes.
- Q. Do you have an understanding of why you were directed to carve these claims out?

- A. There could be some discussion over whether an undercharge should be deducted from a damage amount, but that is a legal issue and I am not here to determine which claims or offsets should be part of the damages.
 - Q. As an economist, you agree that those claims where the Optum downstream rate was higher than the Aetna per-visit rate could be viewed as undercharged claims?

MR. KNOTT: Object to the form.

THE WITNESS: They could be

undercharged. Yes.

13 BY MR. SIGLER:

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- Q. And if those claims were included in the analysis, there would be some members who benefited from the way the Aetna-Optum relationship was structured on those claims, correct?
- MR. KNOTT: Object to the form.
- THE WITNESS: Possibly.
- 21 BY MR. SIGLER:
 - Q. Some members and some plans, correct?
- 23 A. Possibly. Yes.
- Q. Can you think of any way that they would not have benefited from the Optum downstream

1 | rate --

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- A. I'm sorry, I thought you met on net as in the only claims that someone had were all undercharges.
- No. I believe many members would have -- would face aggregate overcharges that would be reduced as a result of these types of claims with undercharges.
- Q. And on those specific undercharge claims, those members and plan sponsors would have benefited from the way the Aetna-Optum relationship was structured, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Yes.

15 BY MR. SIGLER:

- Q. And they would be worse off under plaintiff's theory by which the Optum downstream rate would be used to calculate their responsibilities, correct?
- MR. KNOTT: Object to the form.
- 21 THE WITNESS: Yes.
- 22 BY MR. SIGLER:
- Q. Did Aetna or Optum gain anything on
 these claims where the Optum downstream rate is
 higher than the Aetna per-visit rate?

- A. No. I believe that Optum, in fact, lost money on those claims.
- Q. And as an economist, would it make sense to consider that loss to Optum in figuring out a -- to offset that loss to Optum against the gain that you calculated based on other claims?

7 MR. KNOTT: Object to the form. Calls 8 for a legal conclusion.

THE WITNESS: That's exactly -- it is a legal issue. As an economist, yes, I would subtract. I would offset some of those overcharges. But whether that's a -- whether that's a -- legally acceptable, I don't know that.

BY MR. SIGLER:

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- Q. And you didn't offset them because plaintiff's counsel directed you not to; is that correct?
 - A. Correct.
- Q. When did you take the step to exclude these claims that we're talking about where the Optum downstream rate is higher than the Aetna per-visit rate?
- A. It was part of the same step where I was instructed to focus only on claims where the

1 downstream rate is lower than the per-visit rate.

- Q. And you said that was around a month before your report?
 - A. That's -- it's a very rough guess.
- Q. But you also said earlier that you did an earlier calculation of overcharges that included deductible claims, correct?
 - A. Yes.

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- Q. Did you do an earlier calculation that included these claims involving a higher Optum downstream rate?
 - A. Yes.
- Q. And in that earlier calculation, did those claims partially offset the alleged overcharges on the other claims?

MR. KNOTT: Object to the form.

THE WITNESS: Yes.

BY MR. SIGLER:

- Q. And were there some members who only had claims involving higher Optum's downstream rates?
 - A. I don't know.
- Q. Did you provide a calculation to plaintiff's counsel that included those claims involving higher Optum downstream rates?

MR. KNOTT: Object to the form. I would

Page 152 instruct you not to answer that because I think 1 asking for preliminary calculations runs afoul of 3 work product. BY MR. SIGLER: 4 5 Did you consider those earlier calculations in connection with your work in this 6 7 case? Well, not for the final report. It was 8 9 part of the exploratory analyses. 10 But you considered those calculations, 11 correct? 12 A. Yes. 13 0. Do you still have them? A. I think so. 14 Did you run those calculations before 15 Q. 16 you started drafting your report? 17 Α. Yes. So they weren't part of your draft 18 19 report, correct? 20 Α. No. 21 MR. KNOTT: Object to the form. 2.2 BY MR. SIGLER: 23 24

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Q. And what did it show in terms of there being some claims where members were coming out ahead and some claims where members were coming out behind under plaintiff's theory? Were there some members coming out ahead and some coming out behind in that earlier analysis?

MR. KNOTT: Object to the form.

THE WITNESS: My calculations have been at the claim level. And you're asking for aggregations of members, I did not do that.

BY MR. SIGLER:

Q. Do you have an understanding of why you were asked to not use the calculation that you did originally and instead substitute this calculation based on a smaller claims population excluding hundreds of thousands of claims?

MR. KNOTT: Object to the form.

THE WITNESS: I presume it relates to legal theories that plaintiff is developing.

BY MR. SIGLER:

Q. Did they explain those legal theories to

Page 154 you? Α. No. But the exclusion of these claims and Q. the new analysis was not based on your analysis as an economist that it made sense to do it that way, correct? A. Correct. MR. KNOTT: Object to the form. BY MR. SIGLER:

1 BY MR. SIGLER:

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- Q. Dr. Panis, if you turn to the last page of your report, page 14.
 - A. Yes.
- Q. This is the summary section that you directed me to earlier when I asked where your opinions were in your report.

Now, the three paragraphs in this section discuss the overcharge and gain calculations that we were just discussing before the break, correct?

- A. Correct.
- Q. And those overcharge and gain calculations are based on a population of claims that was limited based on direction from counsel, correct?
 - A. Correct.
- Q. And the calculations themselves were also based on directions from counsel, correct?

MR. KNOTT: Object to the form.

THE WITNESS: I was asked to calculate overcharges as defined by counsel. Sure.

23 BY MR. SIGLER:

Q. And other than those overcharge and gain calculations, are there any other opinions here

- in this section, or is that an accurate summary 1
- of your opinions in the case?
- 3 MR. KNOTT: Object to the form.
- THE WITNESS: I believe it's an accurate 4
- 5 summary.
- BY MR. SIGLER: 6
- Now, by excluding 30 percent of the Ο. claims, you are excluding from your analysis some 8 plans and members who may have benefited from the
- 10 Aetna-Optum relationship, correct?
- 11 MR. KNOTT: Object to the form. It's
- 12 vague.

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- 13 THE WITNESS: Some plans and members who 14 may have been undercharged, yes.
- BY MR. SIGLER: 15
- Q. And those same plans and members may be 17 worse off under the plaintiff's theory by which Optum downstream rates should have been used, 19 correct?
- 20 MR. KNOTT: Object to form.
- 21 On net, perhaps some would THE WITNESS:
- 2.2 have been worse off. It's an easy calculation
- 23 that I have not yet performed.
- 24 BY MR. SIGLER:
 - And then for some plans and members that Q.

are still in your analysis as part of the population that you analyzed, you have excluded some of those class members' claims, correct?

A. Correct.

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Q. So for those class members who may have been in for some claims and out for others, you would not have, in your analysis, a complete picture of that class member's claims experience, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Correct.

BY MR. SIGLER:

- Q. And so you would not also, in your analysis, have a complete picture of the impact of the Aetna-Optum relationship on those plan members and plan sponsors, correct?
- MR. KNOTT: Object to the form. It's vague.
- THE WITNESS: I believe it's correct.

 20 BY MR. SIGLER:
 - Q. Now, is it possible for some of those plans and plan sponsors who are in your analysis but only for some claims that if you looked at a complete picture, that those plan members and plan sponsors, some of them would have come out

1 | ahead based on the Aetna-Optum relationship?

MR. KNOTT: Object to the form.

THE WITNESS: It's possible that some would have come out ahead. Sure.

5 BY MR. SIGLER:

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- Q. But you haven't -- your analysis wouldn't tell us which ones, correct?
 - A. That is correct.

MR. KNOTT: Object to the form.

THE WITNESS: And, indeed, my analysis is entirely based on claims, not on the claim experience of a person.

13 BY MR. SIGLER:

Q. Your analysis is a claims analysis in the aggregate, as opposed to an analysis of the specific impact on a particular plan or plan member, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Yeah. Again, it's very easy to disaggregate by members. It's a little bit more involved to disintegrate by plan. But I have not done it yet.

BY MR. SIGLER:

Q. But to look at the impact of the Aetna-Optum relationship on a member, you would

have to look at that member's complete claims experience and the evolution of claims over the course of the year to figure out the impact of deductibles and other aspects of that member's claims experience, correct?

MR. KNOTT: Object to the form. Vague.

THE WITNESS: As an economist, I believe you're correct. Legally, I don't know whether

9 such offsets as you're implying are appropriate.

10 BY MR. SIGLER:

- Q. Are you providing any opinions about whether the Aetna-Optum relationship was in the interest of any plan member or plan?
 - A. I am not, no.
- Q. And as an economist, you agree that determining whether the Aetna-Optum relationship was in the interest of any particular member or plan, you would need to look at a variety of factors specific to that member or plan?

MR. KNOTT: Object to the form.

THE WITNESS: It would not require a member-by-member individualized analysis, if that's what you're asking. It would require a formulaic approach that includes a bit more than I've included for this purpose.

BY MR. SIGLER:

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Q. To determine the -- whether the

Aetna-Optum relationship was in the interest of a

particular plan member or plan, would you be

interested in knowing whether the relationship

caused that member's payments to go up or down on

the services that they received?

MR. KNOTT: Object to the form.

THE WITNESS: Yes.

10 BY MR. SIGLER:

- Q. And that's not something you've looked at in connection with this case, correct?
- 13 A. Correct.
- 14 MR. SIGLER: This is already marked.
- 15 BY MR. SIGLER:
- Q. Dr. Panis, you've been handed a document that was pre-marked Exhibit 144 from a previous deposition.
 - Can you take a look at this document and tell me whether you recognize it?
 - A. I believe I've seen it before. I don't think it contains anything that -- on which I relied for my report.
 - Q. If you turn to the very back of the document, the last two pages --

case a situation where there is a per-member
per-month rate paid to Optum, but that rate is
billed back to self-funded plans?

MR. KNOTT: Object to the form.

THE WITNESS: I presume it would depend on the language in the ASO contract between Aetna and the self-insured plan. I presume that it's possible, although it would surprise me.

BY MR. SIGLER:

- Q. Is that a but-for world that you considered in connection with this case?
- 12 A. No.

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Q. Is a potential but-for world in this case one where members and plan sponsors' shares of allowed amounts are calculated using the Optum downstream rate?

MR. KNOTT: Object to the form.

THE WITNESS: Could you repeat it?

(The reporter read the record as

requested.)

21 THE WITNESS: I believe that's the

22 but-for world that I've been assuming.

23 BY MR. SIGLER:

Q. And in your review of the data produced in this case, you understand that Aetna does not

- A. This is possible. I haven't investigated it, but it's very easy to pass on an extra field.
 - Q. And very easy. Based on what experience are you relying when you say "very easy"?
 - A. My experience with IT systems that can pass on an extra field.
 - Q. And you're not familiar with Aetna's systems or Optum's systems, correct?
 - A. Correct.

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- Q. And do you know whether Optum would be willing to give Aetna its contracted downstream rates with treating providers?
 - A. I don't know that.
- Q. Before this case, Dr. Panis, had you run into the use of per diem or per-visit rates in the healthcare industry?
- A. I think the Medicare perspective payor system is similar to a per-visit rate, per hospital stay rate. Yes.
- Q. And is that a reimbursement methodology that has been commonly used in the healthcare industry for hospitals?
 - A. Since 1993, I think. Yes.
 - Q. And when it's used for hospitals, when

- hospitals are compensated based on a flat rate
 for a particular visit or scope of services,
 those rates are supposed to cover all of the
 hospital's costs associated with those services,
- 6 MR. KNOTT: Object to the form.

THE WITNESS: Yeah. Correct. Except, again, in extraordinarily costly cases where there may be an additional outlier payment.

10 BY MR. SIGLER:

correct?

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Q. And for the hospital, the costs associated with that hospital's services would include not just the professional services but also the management of those services, the supervision, and other costs associated with running the hospital, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Correct.

- 19 BY MR. SIGLER:
 - Q. And in the case of those per-visit rates being paid to hospitals, there's nothing improper about hospitals, in your view, being compensated for those costs, correct?
 - A. No, there's nothing improper. And similarly, if the hospital subcontracts certain

services, the cost of those services would need to be covered by the per-visit rate.

Q. And the costs associated with running a hospital, such as keeping it clean, keeping the lights on, making sure there's a management structure in place, all of those costs are built into the hospital's per-visit rates, correct?

MR. KNOTT: Object to the form.

THE WITNESS: Right.

BY MR. SIGLER:

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- Q. In your work relating to skilled nursing facilities, are they also compensated based on a per-visit rate?
- A. There are variations, depending on the needs of the patients.
- Q. And what are the most -- what's the most common way that skilled nursing facilities are compensated?
- A. There's so-called re -- RUGs, R-U-G, resource utilization groups, where an assessment is made of the needs of a patient.
- So, for example, certain patients can feed themselves, certain cannot. And the compensation is a fixed amount, depending on the abilities and the needs of the patients.

1 Q. And --

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- A. Fixed amount per day. Not per stay, but per day.
 - Q. So it's a per diem, correct?
 - A. Yes, yes.
 - Q. And in the case of per diem rates paid to skilled nursing facilities, are those per diem rates constructed in a way to compensate the skilled nursing facilities for all of their costs associated with that date of service?
 - A. Yes.
 - Q. And that would include not just the professional services of the nurses but also the management of those services, the cost of keeping the lights on and running the facility, correct?
- 16 A. Correct.
 - MR. KNOTT: Object to the form.
- 18 BY MR. SIGLER:
- Q. And in your view, there's nothing improper about that compensation structure, correct?
- A. It sounds like a legal issue --
- MR. KNOTT: Object to the form.
- 24 THE WITNESS: -- but I don't believe
- 25 | there's anything improper, no.

Page 224 BY MR. SIGLER: 1 O. It's common -- it's been common in the 3 healthcare industry for years, correct? Yes. 4 Α. 5 MR. SIGLER: Let's take a break. VIDEO TECHNICIAN: Off the record at 6 7 12:27. (A recess was taken.) 8 9 VIDEO TECHNICIAN: Media unit 5. Back 10 on the record at 1:12. BY MR. SIGLER: 11 12 Q. Dr. Panis, we talked earlier today about 13 the fact that Aetna has contracts with administrative services -- excuse me, 14 administrative services contracts with 15 16 self-funded plan sponsors, right? 17 A. Yes. And we talked about the fact that you 18 19 haven't reviewed those contracts. 20 Have you reviewed any other documents 21 reflecting communications between Aetna and 2.2 self-funded plan sponsors concerning anything 23 having to do with the Optum relationship?

THE WITNESS: I have not.

MR. KNOTT: Object to the form.

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